

Rhodora

JOURNAL OF

THE NEW ENGLAND BOTANICAL CLUB

Vol. 10.

March, 1908.

No. 111.

SOME MOSSES FROM AROOSTOOK COUNTY, MAINE.

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A VERY interesting small packet of mosses, collected in Caribou Bog at Crystal in southern Aroostook County, Maine, by Professor and Mrs. M. L. Fernald, was recently handed to me for determination. It contained one species of *Sphagnum*, one hepatic, and four true mosses. The *Sphagnum* is *S. teres* Ångstr., a moss of wide distribution in northern Eurasia and North America, having been recorded on this continent at various places from Labrador to British Columbia, and southward to New England and New Jersey, including Maine.

The hepatic has been determined by Dr. Evans. He writes "Your hepatic from Maine (5351) is a slender form of *Riccardia pinguis* (L.) S. F. Gray. I have not before seen it from this state." It has previously been reported in New England from New Hampshire, Vermont, Rhode Island, and Connecticut.

The four species of true mosses have not, so far as the writer knows, been hitherto recorded from Maine, yet all of them, judging from their previously known distribution, should have been expected to occur in the state. In their general distribution they may be classed as northern mosses reaching their southern limits in the bogs and swamps, usually if not always limy, of New England, New York, Pennsylvania, or Ohio, or in the general latitude of 40° N. Their names, together with the previously recorded distribution of each, are given below.

Hypnum stellatum Schreb. Eurasia. Greenland, Hudson Strait, Labrador, Newfoundland, Miquelon, Anticosti, Gaspé, Vermont, Massachusetts, Rhode Island, Pennsylvania, Ontario, Lake Superior, Manitoba, Montana, Athabasca, Canadian Rockies, British Columbia, Yukon, Alaska.

Hypnum scorpioides L. Eurasia. Greenland, Labrador, Newfoundland, Miquelon, Anticosti, Gaspé, New Hampshire, Vermont, Ontario, Peace River, Canadian Rockies, British Columbia, Yukon, Alaska.

Camptothecium nitens (Schreb.) Schimp. Eurasia. Hudson Strait, Labrador, Anticosti, Gaspé, New Brunswick, Vermont, Rhode Island, Connecticut, New York, Pennsylvania, Ontario, Minnesota, Saskatchewan, Peace River, Canadian Rockies, British Columbia, Northwest Territory, Alaska.

Hypnum trifarium Web. & Mohr. Eurasia. Greenland, Gaspé, Ontario, Ohio, British Columbia. No record of this species having been collected in New England has been found.

Even a casual perusal of the distribution of the last four species, as here outlined, will show the striking similarity of general range. The collections of the writer in the Gaspé Peninsula during the past four years have demonstrated the fact that there they, especially the last three, are occasionally associated in the marly bogs and along marly pond margins. The strikingly similar general range of the four in North America at least suggests the possibility that they may be closely associated elsewhere than in Gaspé and Maine. That the last named species has not been reported from as many stations as the other three may be due partly to the fact that it often grows more or less scattered or isolated through great colonies of much more conspicuous mosses, for example, *Hypnum scorpioides*.

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VIOLA CHINENSIS IN THE EASTERN UNITED STATES.

EZRA BRAINERD.

THE behavior of *Viola chinensis* in four or five localities in the Eastern States indicates the possibility of its becoming established as a more or less troublesome weed. The story of the introduction of the gypsy moth and of the English sparrow into the United States, and of the American water-weed, *Elodea canadensis*, into the canals and rivers of England, should make us watchful of foreign plants or animals, that are cultivated from scientific curiosity.